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ABSTRACT

This catalog is intended to assist architects and college administrators to select products that help physically handicapped people lead lives free of architectural barriers. The product information, obtained directly from the manufacturers, is listed on comparative matrix sheets, that can be used to achieve the design recommendations. Products of a proprietary nature are listed towards the end of the catalog and are referenced to their appropriate categories. The catalog layout generally follows the major divisions of the Construction Specifications Institute design criteria. A list of manufacturers is provided. Products include: handrails, exterior doors/entrances, accessible thresholds, power operators for doors, power assists for doors, manual door closers, door handles and panic devices, anti-slip floor coverings, kitchen appliances, kitchen sinks, lavatories, toilet seat risers, towel dispensers, lever or blade faucets, mirrors, prefab shower compartments, shower fixtures, shower and bathtub seats, signage, laboratory equipment, classroom equipment, swimming pool lifts, telephone enclosures, furniture, elevators, vertical wheelchair lifts, inclined wheelchair lifts, water coolers and fountains, van modification, accessible buses with lifts, and telephone typewriters. (GLR)

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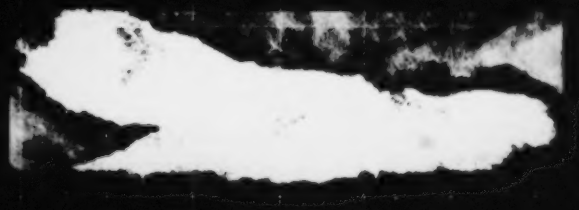

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Modifying the Existing Campus Building for Accessibility:

ACCESSIBLE PRODUCTS CATALOG

Stephen Richard Cotler, Architect
Accessible Design Consultants

The Association of Physical Plant
Administrators of Universities and Colleges

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Preface

This catalog has been prepared to assist architects and college administrators who specify products that help physically handicapped people lead lives free of architectural barriers. It is published and intended to be used along with *Modifying the Existing Campus Building for Accessibility: Construction Guidelines and Specifications. Construction Guidelines and Specifications* offers design criteria, while this catalog includes products that can be used to achieve the design recommendations. Products have been listed on comparative matrix sheets. Several products, though, have not been put on these forms because of their proprietary nature. These products are listed in one section at the end of the catalog and are referenced to their appropriate categories.

Manufacturers received a general matrix questionnaire which identified the products they make. The manufacturers filled out a specific matrix form for each product. This detailed information was transferred to the general matrix to allow direct comparison of similar products. Across the top of the sheet, the names and addresses of the manufacturers, as well as the product name and model number, are listed. For each product type listed down the left side of the sheet are those features or requirements which relate to accessible use of the product. Where ANSI A117.1 (1980) standards apply, the matrix category is identified with a checkmark (☑) to the left of the matrix. If additional explanation concerning ANSI requirements is needed, it is given at the top of the matrix sheet.

The Catalog layout generally follows the major divisions of the Construction Specifications Institute (CSI) outline. The major difference is the listing of items related to restrooms. These are grouped under Division 10 which is usually set aside for restroom specialties and does not normally include such plumbing items as lavatories, faucets, etc. These items would usually be listed under Division 15 Plumbing but are included under Division 10 of this catalog to keep all restroom-related items together.

Costs are constantly increasing. When available a range of costs for products appears at the top of the matrix form to provide architects or specifiers with a rough estimate of cost. Additionally, new products appear so frequently and some manufacturers offer such a wide variety of products that it was impossible to include every product or model in this listing. For detailed specifications contact manufacturers directly. Also note that the address listed for any manufacturer is that of the main office. There are generally distributors in your geographical area.

The information contained in this catalog has been obtained directly from the manufacturers listed. The Association of Physical Plant Administrators of Universities and Colleges (APPA), the Department of Education (ED), and Accessible Design Consultants (ADC) neither endorse nor recommend the use of the products listed in this catalog, but offer this listing as assistance to those searching for building materials which affect accessibility for the handicapped.

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Note To Users

Below is an explanation of the symbols used throughout this catalog. For easier use the key is repeated at the bottom of each matrix form.

● Standard Item. Items identified by a solid circle are included when purchasing the product as a standard specification.

■ Optional Item. Items identified by a solid square are not normally included when purchasing the product. These items are available from the manufacturer as optional accessories or represent a choice made by the specifier.

○ Not Available. Items identified by an open circle are not available with the product, or the specification is not met by the product or manufacturer.

A Blank. If there is no mark in an item box, the matrix statement does not apply, or the manufacturer did not respond to the specific question.

☑ A checkmark to the left of the matrix identifies product features which meet ANSI A117.1 (1980) standards.

HANDRAILS

5 DIVISION | 20 SUBDIVISION

	CraneVeyor Corp. 1524 Potrero Ave. P.O. Box 3727 South El Monte, CA 91733 C4400: C-V Stainless Pipe Rail	CraneVeyor Corp. Isle Craft	CraneVeyor Corp. C-V Pipe Baluster Rail	Aluminum Tube Railings, Inc. 430 Madera St. Box 118 San Gabriel, CA 91778	AFW of North America Suite 311 Bank of New York Building Olean, NY 14760 Handrails	Julius Blum & Co., Inc. P.O. Box 292 Carlstadt, NJ 07072 Carlsrail™ System
☑ Outside diameter 1¼"-1½"	○	○	●	○	●	●
☑ Distance from wall 1½"	●	●		●		●
Material	Stainless steel	Aluminum	Aluminum	Aluminum	Stainless steel	Aluminum
Colors available	○	●	●	●	○	○
On-site welding required	○	○	○	○	●	○
Intermediate rails available	1-4	1-4 and picket	Picket rail			As required
Adaptable to any slope	●	●	●	●		●
Post-hole mounting	■	■	■	■		■
Floor mount base	■	■	■	■		■
Side mount	■	■	■	■		■
Wall bracket	■	■		■		■
Parts and labor warranty	●	●	●	●	●	○

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

EXTERIOR DOORS/ENTRANCES

8 DIVISION | 10 SUBDIVISION

	BWN Industries 1849 Business Center Dr. Duarte, CA 91010	Kawneer Company, Inc. 1105 North Front St. Niles, MI 49120 Series 600: Barrier-Free Manual Entrance	Ellison Bronze Co., Inc. 125 W. Main St. Falconer, NY 14733			
☑ Door size req. to achieve 32'' clear opening	Sgl.-7'3½'', bi-part.12'3½''	36''	42''			
Door type	Sliding	Side hung	Balanced			
Complete (door, hardware, glass)	●	●	●			
Standard hardware accessible		●	●			
Bottom rail height	6''	9''	9''			
Kick plate	○		■			
Material: door and jamb	Aluminum	Aluminum	Alum, stainless, wood			
Tempered glass	●	■	●			
Manual closer	○	■	■			
Power closer	■	■	■			

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

ACCESSIBLE THRESHOLDS

8 DIVISION | 11 SUBDIVISION

	Pemko Manufacturing Co. 1360 59th St. P.O. Box 8216 Emeryville, CA 94662 200A: Panic Type Saddle	Pemko Manufacturing Co. 174A: Carpet Edge	Pemko Manufacturing Co. 171AFG: Thermal Barrier Saddle	Pemko Manufacturing Co. 276A (Aluminum), 273-4B (Bronze)	Kawneer Company, Inc. 1105 North St. Niles, MI 49120 Series 600	
☑ Height: ½'' side hung doors	⅜''	⅜''	½''	¼''	½''	
¾'' sliding doors						
☑ Beveled: 1 to 2 slope	●	●	○	●	●	
Type of door	Side hung, balanced	Side hung, balanced	Side hung, balanced	Side hung, balanced	Side hung, balanced	
Material	Aluminum	Aluminum	Aluminum	Aluminum, bronze	Aluminum	
Exterior use	●		●	●	●	
Interior use		●		●	●	
Thermal barrier	○	○	●	○	○	

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

3

POWER OPERATORS FOR DOORS

$500–$6000 COST RANGE

8 DIVISION | 14.A SUBDIVISION

NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.	**BWN Industries** 1849 Business Center Dr. Duarte, CA 91010 ADW Automatic Operator	**Power Access Corp.** 444 E. Industrial Park Dr. Manchester, NH 03103 4300 Power Access Door Opener	**Gyro Tech, Inc.** 6750 Industrial Loop Greendale, WI 53129 G.T. System 100 Gyro Swing	**Gyro Tech, Inc.** G. T. System 300, 400 Gyro Swing	**Horton Automatic** Overhead Door Company 4242 Baldwin Blvd. Corpus Christi, TX 78405 Automatic Sliding Doors	**Horton Automatic** 7000 Easy Access
☑ Adjustable opening time (3 sec. or more)	○	6 sec	2-30 sec	2-30 sec	1½-3 sec	3-8 sec
☑ Door exerts less than 15 lbs. pressure	●	●			○	●
Type of door operator can be used on	Sliding	Side hung	Sliding	Side hung	Sliding	Side hung, Balanced
New installations	●		●	●	●	●
Existing installations	●	●		●		●
Maximum door width	16'	48''	48''	48''	48''	42''
Maximum door weight	500 lbs.	150 lbs.	200 lbs.	200 lbs.	150 lbs.	140 lbs.
Power requirements	110 V 3 A	115 V 1.4-7 A	115 V 1.4-7 A	115 V 1.4-7 A	120 V 15 A	115 V 2.5 A
—Electric	●	●	●	●	■	●
—Hydraulic						
—Pneumatic					■	
—Air compressor, lbs. of pressure					48 lbs.	
Angle door opens to		90°		90°		90°
Interior use	●	●	●	●	●	●
Exterior use	●	●	●	●	●	●
Hold open time adjustable	0 to 20 sec.	0 to 90 sec.	2-30 sec.	2-30 sec.	1-30 sec.	1-15 sec.
Door stops if obstructed	●	●	○	○	○	●
Door exerts more than 15 lbs. pressure if obstructed			●	●	●	
Power failure: force needed to open	2 lbs.	15 lbs.	20 lbs.	12 lbs.	15 lbs.	15 lbs.
force adjustable		●	○	○	○	●
Security lock when power on	●	●	●	●	●	●
If door is locked and operator is activated					Circuit breaker releases	Opening signal canceled
Door closes by: power	●				●	
spring		●	●	●		●

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS, description continued

•	**BWN Industries** 1849 Business Center Dr. Duarte, CA 91010 ADW Automatic Operator	**Power Access Corp.** 444 E. Industrial Park Dr. Manchester, NH 03103 4300 Power Access Door Opener	**Gyro Tech, Inc.** 6750 Industrial Loop Greendale, WI 53129 G. T. System 100 Gyro Swing	**Gyro Tech, Inc.** G. T. System 300, 400 Gyro Swing	**Horton Automatic** Overhead Door Company 4242 Baldwin Blvd. Corpus Christi, TX 78405 Automatic Sliding Doors	**Horton Automatic** 7000 Easy Access
Activated by: Push button in wall	■	■	■	■	■	■
Push button on door jamb	■	■	■	■	■	■
Push button on door	■		○		■	■
Photoelectric eye	■	■	■	■	■	
Movement sensing	■		■	■	■	
Floor contact mat	■	■	■	■	■	
Radio control		■	■	■	■	
Operator mounted: On door		■				
On frame	●	■	●	●	●	
Parts and labor warranty	5 yr. parts, 1 yr. labor	1 year	1 year	1 year	1 year	1 year
Meets BHMA 1601 and ANSI A156.10 1979	●	●	●	●	●	Low energy

KEY: ● Standard ■ Optional ○ Not available

(manufacturers continued)

POWER OPERATORS FOR DOORS, manufacturers continued

	NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.	**Besam, Inc.** 50 Lake Drive East Windsor, NJ 08520 3000	**Besam, Inc.** 150 & 200: Econo-Swing	**Besam, Inc.** 50: Wind Breaker	**Besam, Inc.** 300 & 350: Swing Master	**R. H. Boehm Co., Inc.** 2625 Lathrop Ave. Racine, WI 53405 1000: Power Swing	**Reading Door Closer Corp.** Reamstown, PA 17567 1110: Access Free
☑	Adjustable opening time (3 sec. or more)	0-5 sec.	0-3 sec.	0-2½ sec.	0-2½ sec.	1½-3½ sec.	3-20 sec.
☑	Door exerts less than 15 lbs. pressure	●	●	●			●
	Type of door operator can be used on	Sliding	Side hung	Balanced	Side hung	Side hung, balanced	Side hung
	New installations	●	●	●	●	●	●
	Existing installations		●		●	●	●
	Maximum door width	79''	42''	42''	42''	42''	54''
	Maximum door weight	330 lbs.				150 lbs.	
	Power requirements	110 V 4 A	110 V 4 A	110 V 4 A	110 V 4 A	115 V 5 A	
	—Electric	●	●		●	●	
	—Hydraulic		●	●			
	—Pneumatic						●
	—Air compressor, lbs. of pressure						70 lbs.
	Angle door opens to		90°	90°	90°	90°	90°-110°
	Interior use	●	●	●	●	●	●
	Exterior use	●	●	●	●	●	●
	Hold-open time adjustable	0-45 sec.	0-30 sec.	0-30 sec.	0-30 sec.	0-30 sec.	0-120 sec.
	Door stops if obstructed	●	●	○	○	●	●
	Door exerts more than 15 lbs. pressure if obstructed				●	●	
	Power failure: Force needed to open	50 lbs. maximum	14 lbs.	4 lbs.		10 lbs.	
	Force adjustable		●	●		●	●
	Security lock when power on	●	●	●	●	●	●
	If door is locked and operator is activated	Override and shut off	Automatic shut off	Automatic shut off	Automatic shut off	Motor stalls	No damage
	Door closes by: Power						
	Spring	●	●	●	●	●	●

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS, description continued

	Besam, Inc. 50 Lake Drive East Windsor, NJ 08520 3000	**Besam, Inc.** 150 & 200: Econo-Swing	**Besam, Inc.** 50: Wind Breaker	**Besam, Inc.** 300 & 350: Swingmaster	**R. H. Boehm Co., Inc.** 2625 Lathrop Ave. Racine, WI 53405 1000: Power Swing	**Reading Door Closer Corp.** Reamstown, PA 17567 1110: Access Free
Activated by: Push button on wall	■	■	■	■	■	■
Push button on door jamb	■	■	■	■	■	■
Push button on door	■	■	■	■	■	■
Photoelectric eye	■	■	■	■	■	■
Movement sensing	■	■	■	■	■	■
Floor contact mat	■	■	■	■	■	■
Radio control					■	■
Operator mounted: On door						
On frame	●	●	●	●	●	●
Parts and labor warranty	1 year	1 year	1 year	1 year	1 year	1 year
Meets BHMA 1601 and ANSI A156.10 1979	●	●	●	●	●	

KEY: ● Standard ■ Optional ○ Not available

(manufacturers continued)

POWER OPERATORS FOR DOORS, manufacturers continued

NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.	**Keane Monroe Corp.** P.O. Box 1071 Monroe, NC 28110 7000: Slideaway Entrance	**Keane Monroe Corp.** K-M 2000: Transom	**Keane Monroe Corp.** 100: Light Duty Operator	**Stanley Magic Door** Division of the Stanley Works Rt. 6 and Hyde Rd. Farmington, CT 06032 Magic Swing®	**Stanley Magic Door** 4000/8000: Auto-Slide®	**Stanley Magic Door** Pneumatic Operator
☑ Adjustable opening time (3 sec. or more)	○	2-20 sec.	0-6 sec.	1½ sec.	1 1/5 sec.	1½-30 sec.
☑ Door exerts less than 15 lbs. pressure		●	●		●	●
Type of door operator can be used on	Sliding	Side hung, balanced	Side hung	Side hung	Sliding	Side hung, sliding
New installations	●	●	●	●	●	●
Existing installations		●	●	●		●
Maximum door width	48''	60''	48''	44''	44''	144''
Maximum door weight	300 lbs.	500 lbs.	110 lbs.	250 lbs.	160 lbs.	1000 lbs.
Power requirements	115 V 15 A	115 V 15 A	12 V 1 A	115 V 3 A	115 V 3 A	24 V 1 A
—Electric	●	●	●	●	●	
—Hydraulic						
—Pneumatic						●
—Air compressor, lbs. of pressure						90 lbs.
Angle door opens to		90°	90°	100°		100°
Interior use	●	●	●	●	●	●
Exterior use	●	●	Residential only	●	●	●
Hold-open time adjustable	1-45 sec.	0-180 sec.	6-45 sec.	2-30 sec.	2-30 sec.	2-30 sec.
Door stops if obstructed	●	●	●	●	●	●
Door exerts more than 15 lbs. pressure if obstructed	●			●		
Power failure: Force needed to open	15 lbs.	15 lbs.	7 lbs.	24 lbs. maximum	12 lbs.	24 lbs.
Force adjustable	○	●	○	○	○	●
Security lock when power on	●	●	●	●	●	●
If door is locked and operator is activated	Must retract bolt	Overload switch secures	Stalls	Nothing	Circuit breaker opens	Nothing
Door closes by: Power	●		●		●	■
Spring		●		●		■

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS, description continued

	Keane Monroe Corp. P.O. Box 1071 Monroe, NC 28110 7000: Slideaway Entrance	Keane Monroe Corp. K-M 2000: Transom	Keane Monroe Corp. 100: Light Duty Operator	Stanley Magic Door Division of the Stanley Works Rt. 6 and Hyde Rd. Farmington, CT 06032 Magic Swing®	Stanley Magic Door Auto-Slide®	Stanley Magic Door Pneumatic Operator
Activated by: Push button on wall	■	■	■	■	■	■
Push button on door jamb	■	■	■			
Push button on door						
Photoelectric eye	■	■	■	■	■	■
Movement sensing	■	■	■	■	■	■
Floor control mat	■	■	■	■	■	■
Radio control		■	■			
Operator mounted: On door			■			
On frame		●	■	●		●
Parts and labor warranty	1 year	1 year	1 year	1 year	1 year	1 year
Meets BHMA 1601 and ANSI A156.10 1979	●	●	●	●	●	●

KEY: ● Standard ■ Optional ○ Not available

(manufacturers continued)

POWER OPERATORS FOR DOORS, manufacturers continued

8 DIVISION | 14.D SUBDIVISION

	NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.	**Dor-O-Matic** Division of Republic Industries, Inc. 7350 W. Wilson Ave. Chicago, IL 60656 B6600-96600: Astro-Swing	**Dor-O-Matic** 466000-566000: Handi-Swing	**Dor-O-Matic** Easi-Swing	**Dor-O-Matic** 8000,88000, 98000: Astro-Slide		
☑	Adjustable opening time (3 sec. or more)	$1^{3}/_{10}$-$1^{7}/_{10}$ sec.	4-5 sec.	4-5 sec.	1½-4 sec.		
☑	Door exerts less than 15 lbs. pressure		●	●			
	Type of door operator can be used on	Side hung, balanced	Side hung	Side hung	Sliding		
	New installations	●	●	●	●		
	Existing installations	●	●	●			
	Maximum door width	48''	48''	48''	44'' single, 72'' bi-part		
	Maximum door weight	200 lbs.	150 lbs.	150 lbs.	200 lbs./leaf		
	Power requirements	115 V 2.5 A	115 V 1 A	115 V 1 A	115 V 3 A		
	—Electric						
	—Hydraulic						
	—Pneumatic						
	—Air compressor, lbs. of pressure						
	Angle door opens to	90°	90°	90°			
	Interior use	●	●	●	●		
	Exterior use	●	●		●		
	Hold-open time adjustable	2-25 sec.	3-20 sec.	3-30 sec.	2-25 sec.		
	Door stops if obstructed	●	●	●	●		
	Door exerts more than 15 lbs. pressure if obstructed	●			●		
	Power failure: Force needed to open	14 lbs.	14 lbs.	9 lbs.	40 lbs. Breakaway		
	Force adjustable	○	○	○	○		
	Security lock when power on	●	●	●	●		
	If door is locked and operator is activated	Tries to open, no harm	Tries to open, low power	Tries to open, low power	Not recommended		
	Door closes by: Power				●		
	Spring	●	●	●			

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS, description continued

	Dor-O-Matic Division of Republic Industries, Inc. 7350 W. Wilson Ave. Chicago, IL 60656 Astro-Swing	Dor-O-Matic Handi-Swing	Dor-O-Matic Easi-Swing	Dor-O-Matic Astro-Slide		
☑ Activated by: Push button on wall	■	■	■	■		
☑ Push button on door jamb	■	■	■	■		
Push button on door						
Photoelectric eye	■	■	■	■		
Movement sensing	■	■	■	■		
Floor contact mat	■	■	■	■		
Radio control	■	■	■	■		
Operator mounted: On door						
On frame	●	●	●	●		
Parts and labor warranty	1 year	1 year	1 year	1 year		
Meets BHMA 1601 and ANSI A156.10 1979	●	●	●	●		

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

POWER ASSISTS FOR DOORS

$600-$1000+ COST RANGE | 8 DIVISION | 15 SUBDIVISION

NOTE: Assists neutralize or reduce the closing force exerted on the door by the closer. Assists do not automatically open doors.	R. H. Boehm Co., Inc. 2625 Lathrop Ave. Racine, WI 53405 110: Safe-Swing	LCN Closers Railroad Ave. Princeton, IL 61356 4920, 4910: Surface mount 5910, 2910: Concealed Mount LCN Equalizer	Reading Door Closer Corp. Reamstown, PA 17567 1140: Lite Touch			
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung			
New installation	●	●	●			
Existing installation	●	●	●			
Power: Electric	●					
Hydraulic						
Pneumatic		●	●			
Air pressure required		80 lbs.	70 lbs. minimum			
Interior use	●	●	●			
Exterior use	●	●	●			
Minimum opening force	"Zero" lbs., adjustable	5 lbs.	1 to 4 lbs.			
Length of time active	0-30 sec.	3-30 sec.	0-120 sec.			
Power failure: Force needed to open	5 lbs., adjustable	14 lbs., adjustable	Adjustable			
Activated by: Push button	●	■				
Floor contact mat	■					
Pushing door lightly	■	■	●			
Movement sensor	■	■				
Hold-open time adjustable	0-30 sec.	3-30 sec.	0-120 sec.			
Parts and labor warranty	1 year	2 years, parts	1 year			
Meets BHMA 1601	●	○				

KEY: ● Standard ■ Optional ○ Not available

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MANUAL DOOR CLOSERS (page one of two)

$90–$100 COST RANGE | 8 DIVISION | 16 SUBDIVISION

NOTE: Manual door closers are designed to provide low opening forces.	**LCN Closers** Railroad Ave. Princeton, IL 61356 4041: Super Smoothee	**LCN Closers** 4040: Super Smoothee	**LCN Closers** 4020: Del, Surface	**LCN Closers** 4010: Del, Surface	**LCN Closers** 4110: Del, Surface	
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung, balanced	Side hung	Side hung	
Interior use	●		●	●	●	
Exterior use		●	●	●	●	
Handed			●	●	●	
Non-handed	●	●				
Mounted: Push side	●	●	●		●	
Pull side	●	●		●		
On jamb	●, push side only	●	●			
On door	●	●		●	●	
Closer: Spring	●	●	●	●	●	
Hydraulic						
Adjustable: Sweep speed	●	◔	●	●	●	
Latch speed	●	●	●	●	●	
Back check cushioning	●	●	○	○	○	
Closing force	3-8 lbs.	8-15 lbs.	Only small adjustments possible — 100 to 150% of spring size used. Spring size must be specified.			
Hold open arm	■	■	■	■	■	
Fusible link	○	○	■	■	■	
Finishes	■	■	■	■	■	
Metal cover	■	■	■	■	■	
Parts and labor warranty	5 years, parts	5 years, parts	5 years, parts	5 years, parts	5 years, parts	

KEY: ● Standard ■ Optional ○ Not available

(manufacturers continued)

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MANUAL DOOR CLOSERS, manufacturers continued (page two of two)

	Norton Door Controls P.O. Box 25288 Charlotte, NC 28212	Reading Door Closer Corp. Reamstown, PA 17567 7600: Full Range Door Closer	Reading Door Closer Corp. 4600 EA: Easy Access			
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung			
Interior use	●	●	●			
Exterior use	●	●	●			
Handed						
Non-handed	●	●	●			
Mounted: Push side	●	●	●			
Pull side	●	●	●			
On jamb	●	●	●			
On door	●	●	●			
Closer: Spring		●	●			
Hydraulic	●	●	●			
Adjustable: Sweep speed	●	●	●			
Latch speed	●	●	●			
Back check cushioning	●	●	○			
Closing force	■, by model	3-14 lbs.	2-8 lbs.			
Hold open arm	■	■	■			
Fusible link	○	○	○			
Finishes	■	■	■			
Metal covers	■	●	●			
Parts and labor warranty	●	5 years	5 years			

KEY: ● Standard ■ Optional ○ Not available

DOOR HANDLES AND PANIC DEVICES (page one of two)

8 DIVISION | 17 SUBDIVISION

	Von Duprin, Inc. 400 W. Maryland St. Indianapolis, IN 46225 Model 33: Exit Device Push Bar	Adams Rite Mfg. Co. 4040 S. Capitol Ave. City of Industry, CA 91749 Series 8000: Push Bar Exit Device	Adams Rite Mfg. Co. 4590: Paddle	Glynn-Johnson 4422 Ravenswood Chicago, IL 60640 HL-6: Push Pull Latch	Sargent & Company 100 Sargent Drive New Haven, CT 06509 90 Series: Exit Devices	ASSA, Inc. 1461 Lunt Ave. Elk Grove Village, IL 60007 9565: Lever Handle Mortice Lock
☑ Easily grasped	●	●	●	●	●	●
Type of device	Panic device	Panic device	Push/Pull	Push/Pull	Panic device	Lever
Knurled or textured surface	●	●	●	●	●	●
Colors available	○	■	■	■	○	■
Locking or latching available	●	●	●	●	●	●
Designed not to catch clothing						
Length of lever arm						4¾''
Length and diameter of pull			5⅜''	4½''/1½''		
Clearance from door surface			1.06''	2''		
Material	Aluminum	Aluminum	Aluminum	Aluminum	Steel, alum., bronze	Bronze
Panic device: Width of door	30''-48''	30''-48''			All	
Force required to operate	15 lbs.	8 lbs.			20-25 lbs.	
Customized	■	■			■	

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

(manufacturers continued)

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DOOR HANDLES AND PANIC DEVICES, manufacturers continued (page two of two)

	Schlage Lock Company P.O. Box 3324 San Francisco, CA 94119 Rollatch	Schlage Lock Company Lever	Handicapped Door Hardware Division 6800 S. Chicago Ave. Chicago, IL 60637	Reed Exit Devices P.O. Box 25288 Charlotte, NC 28212 3050 Series		
☑ Easily grasped	●	●	●	●		
Type of device	Push/Pull	Lever	Pull	Panic device		
Knurled or textured surface	○	○	●	●		
Colors available	○	○	●	●		
Locking or latching available	●	●	○	●		
Designed not to catch clothing		●	●	●		
Length of lever arm		3⅛''				
Length and diameter of pull	8''/3'', 11''/1½''		Length ■, ¾'' & 1''			
Clearance from door surface	2'', 1⅝''		2½''			
Material	Wood, steel	Wood, steel	Brass, bronze, alum.	Stainless steel, bronze		
Panic device: Width of door			All	To 48''		
Force required to operate				15 lbs.		
Customized			■	■		

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

ANTI-SLIP FLOOR COVERINGS

$10–$30/sq. yd. COST RANGE

9 DIVISION | 10 SUBDIVISION

	Tubular Specialties Mfg., Inc. 13011 South Spring St. Los Angeles, CA 90061	U.S. Mat & Rubber Co., Inc. P.O. Box 152 Brockton, MA 02403 Global Tile	American Mason Safety Tread Co. Wellman St. Lowell, MA 01851 Mason 88			
ASTM-E84 flame spread rating 25 or less	●	○	●			
Applied by: Painting or spraying	●		●			
Tile or sheet		●				
Interior use	■	●	●			
Exterior use	■	■	●			
Expected life span	10 years		10 years			
Material	Emulsion resins	Synthetic Rubbers	Epoxy Al_2O_3 Abrasive			
Applied to ramp or stair	●	●	●			
Underlayment: Wood, metal, concrete	●	●	●			
Colors available	■	■	■			
Special colors or patterns	■	○	■			

KEY: ● Standard ■ Optional ○ Not available

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KITCHEN APPLIANCES

10 DIVISION | 10 SUBDIVISION

	Whirlpool Corporation Builder Marketing Administrative Center 2000 U.S. 33 North Benton Harbor, MI 49022 Microwave Ovens	Whirlpool Corporation Electric Ranges			
☑ Controls: Easily grasped	●	●			
☑ On side or front		●			
Push button	●				
Twist knobs		●			
Free standing	●	●			
Built-in					
Door hinges: At side	●				
On bottom		●			

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

KITCHEN SINKS

10 DIVISION	11 SUBDIVISION

	Just Mfg., Co. 9233 King Street Franklin Park, IL 60131 KE-2225-A-GR: Kitchen Ease	Stanadyne, Inc. 377 Woodland Ave. Elyria, OH 44036 Excalibur				
☑ Maximum 6½" deep bowl	3½"	Less than 6"				
Material	Stainless steel	Stainless steel				
Mounted with faucets 18" from front	○	○				

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

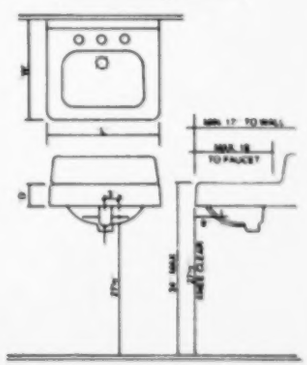
LAVATORIES (page one of two)

$150–$1000 COST RANGE

10 DIVISION | 21 SUBDIVISION

	Eljer Plumbingware Wallace Murray Corp. Three Gateway Center Pittsburgh, PA 15222 051-2964	Universal-Rundle Corp. 217 North Mill Street New Castle, PA 16103 4682-83	Just Mfg. Co. 9233 King Street Franklin Park, IL 60131 A-33338	Briggs 1500 N. Dale Mabry Tampa, FL 33622 6640, 6645: Grace	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 Various Models	
☑ Blade faucets	●				●	
☑ Meets ANSI A117.1 1980 specs. (see diagram)	○	●	●	●	●	
Model type	Wall hung	Wall hung	Wall hung	Wall hung	Countertop	
Material	Vitreous china	Vitreous china	Stainless steel	Vitreous china		
Size (width, length, apron depth)	20½″×27¼″	20″×27⅜″, 3″ apron	18″×20″, 3″ apron	20″×27″, 3″ apron	22″×36″min. 4½″ apron	
Mirror						
Dispenser: Soap						
Towel					●	
Cup						
Waste receptacle					●	
Shelf						
Light						
Electrical outlet						
Chair carriers required	●	●	○	●	○	

Accessible Lavatory Dimensions



KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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(manufacturers continued)

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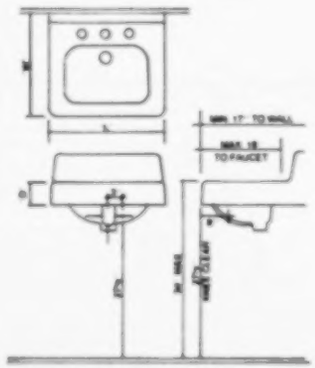
LAVATORIES, manufacturers continued (page two of two)

	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B-5780, B-5781: Console	Bobrick Washroom Equipment, Inc. B-588, B-589: Mini-Console	Bradley Corporation Washroom Accessories Division Church and Fellowship Rds. Moorestown, NJ 08057 1027, 1127, 1128, 1123: Bradpack Wash Center	Bradley Corporation CHC-55: Barrier Free Washfountain		
☑ Blade faucets	●	●	●			
☑ Meets ANSI A117.1 1980 specs. (see diagram)	●	○	●	●		
Model type	Wall hung	Wall hung	Countertop	Semi-circular		
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel		
Size (width, length, apron depth)	18″×15¼″, 4″ apron	22″×15¼″, 4″ apron	17⅛″×11¾″, 5″ apron	5″ apron		
Mirror	●		●	■		
Dispenser: Soap	●	●				
Towel	●		●	■		
Cup	●		■			
Waste receptacle	●		●			
Shelf						
Light	●		●			
Electrical outlet	●		●			
Chair carriers required	○	○	○	○		

Accessible Lavatory Dimensions



KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

TOILET SEAT RISERS

$40–$60 COST RANGE

10 DIVISION | 22 SUBDIVISION

	Lumex, Inc. 100 Spence Street Bayshore, NY 11706 6497: Adjustable Cushion Versa Height Toilet Seat	Lumex, Inc. 6490: Versa-Height Toilet Seat	Lumex, Inc. 6493: Cushioned Versa Height	Lumex, Inc. 6492		
Height seat raised	Adjustable	4¼''-5½''	4¾''-6''	4¾''-6''		
Seat and riser separate	●	●	●			
Seat and riser one unit				●		
Attaches by mounting brackets	●	●	●	●		
Temporary attachment	●	●	●	●		
Seat material	Foam	Plastic	Foam with plastic cover	Plastic		
Attachment material	Steel	Steel	Steel	Steel		
Attached while existing seat remains	○	●	●	●		

KEY: ● Standard ■ Optional ○ Not available

RESTROOM STALL PARTITIONS

10 DIVISION | 23 SUBDIVISION

	General Partitions Mfg. Corp. 1702 Peninsula Drive P.O. Box 538 Erie, PA 16505	Georgia Marble Co. P.O. Box 8 Nelson, GA 30151 Marbalstal	Metpar Steel Products Corp. 95 State Street Westbury, NY 11590 FP-500, FT-700, CH-700	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 Toilet Compartment	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 1040 Series: Toilet Compartments	Bobrick Washroom Equipment, Inc. 1030 Series: Toilet Compartments
☑ Standard door with 36" wide stall	34"	24"	32"	32"	28"	28"
☑ Standard door with 60" wide stall	36"	36"	34", 36" ■	38"	32"	32"
☑ Outswinging door	■	●	●	●	■	■
☑ Latching device easily grasped	●	●	●	●	●	●
Mounting: Ceiling	■	■	■	■	■	■
Floor	■	■	■	■	■	■
Material composition: Steel/enamel	■		■			
Plastic laminate	■		■	●	●	● with steel edge
Marble		●				
Stainless steel						
Depth of stall	■		■			
Coat hook mounted at 54"	57"■	56"■	57", 60", 72"■	58"	57", 84"	57", 84"
Partitions reinforced for grab bars	■	●	●	●	66"	66"
	■	Not required	■	●	●	●
		NOTE: Emergency access feature allows release of latch by lifting door. No tools are required.				

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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GRAB BARS (page one of two)

$11–$90 COST RANGE | 10 DIVISION | 24 SUBDIVISION

	Lumex, Inc. 100 Spence Street Bayshore, NY 11706 — 4001, 4021: Decorator Grabs	Tubular Specialties Mfg., Inc. 13011 South Spring Street Los Angeles, CA 90061 — Various Models	Bradley Corporation Washroom Accessories Div. Church and Fellowship Rds. Moorestown, NJ 08057 — 832, 837	Bradley Corporation — 812,817		
☑ Outside diameter 1¼"-1½"	1"	1¼" (Q)-1½" (H)	1¼"	1½"		
☑ Meets 250 lb. stress load	●	●	●	●		
☑ Does not rotate in fittings	●	●	●	●		
☑ Wall clearance 1½"	●	■	●	●		
Mounting: Concealed		■	832	812		
Exposed	●	■	837	817		
Finishes	Versa-Guard	● Satin*	Satin, stainless steel	Satin, stainless steel		
24" long	■ 4021	Q24, H24	■ 001-24"	■ 001-24"		
36" long		Q36, H36	■ 001-36"	■ 001-36"		
42" long		Q42m, H42m	■ 001-42"	■ 001-42"		
48" long		Q48m, H42m	■ 002-48"	■ 002-48"		
48" long		Q48cm, H42cm	■ 003-48"	■ 003-48"		
"L"shaped 36"×36"	■	■	■ 038-26"	■ 038-26"		

NOTE: For 1½" wall clearance add (150), e.g. Q24(150).

For concealed mounting add CS-5; for exposed mounting add R-3, e.g. Q24(150) CS-5

*For mirror-like finish add suffix — B, e.g. Q24-B

*For peened finish add suffix — P, e.g. Q24-P

*For knurled finish add suffix — K, e.g. Q24-K

NOTE: Add size suffix to model (concealed or exposed), e.g. 832-001-24"

For 1½" clearance add suffix — 1, e.g. 832-001-24"-1

For safety grip surface add suffix — 2, e.g. 832-001-24"-2

For safety grip surface and 1½" clearance add suffix — 3, e.g. 832-001-24"-3

For safety grip surface and 1½" clearance add suffix — 3, e.g. 832-001-24"-3

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

(manufacturers continued)

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GRAB BARS, manufacturers continued (page two of two)

	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 Various Models	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 14-17	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B-490, B-5507, B-6106, B 6206			
☑ Outside diameter 1¼''-1½''	1¼''-1½''	1¼'' 14-, 15-; 1½'' 16-, 17-	1¼'' B-5507, B-490; 1½'' B-6206, B-6106			
☑ Meets 250 lb. stress load	●	●	●			
☑ Does not rotate in fittings	●	●	●			
☑ Wall clearance 1½''	■ Must specify	●	●			
Mounting: Concealed	■	■ 15, 17-	■ B-5507, B-6206			
Exposed	■	■ 14, 16-	■ B-490, B-6106			
Finishes	Smooth, safety guard	Safety finish, knurled	Satin, peened			
24'' long	■ 9035	■ 24	■ 24			
36'' long	■ 9055	■ 36	■ 36			
42'' long	■ 9075	■ 42c	■ 42			
48'' long	■ 9065	■ 48c	■ 1×48			
48'' long	■ 9305	■ 48co	52''[1]			
"L" shaped,36''×36''	■ 9115	■	24'' × 24''[2]			

NOTE: For safety grip add suffix — S, e.g. 9035-S

For 1¼'' diameter add suffix — O, e.g. 9035-O

For 1½'' diameter add suffix — S, e.g. 9035-S

For concealed mounting add suffix — C, e.g. 9035-C

NOTE: Add prefix when ordering
14: exposed, 1¼'', e.g. 14-24
15: concealed 1¼'', e.g. 15-24
16: exposed, 1½'', e.g. 16-24
17: concealed, 1½'', e.g. 17-24

[1]Model numbers: B-5693 (1¼'' concealed), B-493 (1¼'' exposed), B-6293 (1½'' concealed), B-6193 (1½'' exposed)

[2]Model numbers: B-5657 (1¼'' concealed), B-4955 (1¼'' exposed), B-6265 (1½'' concealed), B-6165 (1½'' exposed)

NOTE: for peened finish add suffix — 99, e.g. B-5507-99

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

TOWEL DISPENSERS

$30–$250 COST RANGE | 10 DIVISION | 25 SUBDIVISION

	Bradley Corporation Washroom Accessories Div. Church and Fellowship Roads Moorestown, NJ 08057 Various Models	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 Various Models	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 406, 408, 410	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 Various Models	Bobrick Washroom Equipment, Inc. B-366	
Mounted with highest operating device 48" above the floor	●	●	●	●	●	
Operates by: Pulling individual towel	●	■	●	●	■	
Turning crank					■	
Pulling with two hands					■	
Continuous cloth, two hands		■				
Easily grasped knobs or controls					●	

KEY: ● Standard ■ Optional ○ Not available

HAND DRYERS

$200–$325 COST RANGE | 10 DIVISION | 26 SUBDIVISION

	Bradley Corporation Washroom Accessories Division Church and Fellowship Roads Moorestown, NJ 08057 2921, 2931, 2901, 2911	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 870 to 881: Electric Hand Dryers	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B200, B400	Humphrey, Inc. 9212 Balboa Ave. San Diego, CA 92123 HD02, HD03, HD04: Fastaire		
Easily operated with one hand	●	●	●	●		
Direction of air easily adjusted	●	●	●	●		

KEY: ● Standard ■ Optional ○ Not available

27

LEVER OR BLADE FAUCETS

$35–$140 COST RANGE

10 DIVISION | 27 SUBDIVISION

	Eljer Plumbingware Wallace Murray Corp. Three Gateway Center Pittsburgh, PA 15222 559-1270, 559-2300, 559-2570	Bradley Corp. Box 309 Menomonee Falls, WI 53051 90-75: Metering Faucet	The Chicago Faucet Co. 2100 S. Nuclear Drive Des Plaines, IL 60018 786-E3-WC	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 GN-4	R.A.R. Enterprises, Inc. PB-4	Stanadyne, Inc. 377 Woodland Ave. Elyria, OH 44036 7500-7800: Moen/Chateau
Single lever						●
Blade faucet	●		●	●		
Push button		● 3 lbs. pressure			●	●
Self-closing: Remains open at least 10 sec.		●			● 30 sec.	○
Location: Bathroom lavatory	●	●			■	■
Kitchen sink					■	■
Bathtub					■	■
Shower						■
Handicapped lavatory			●			

KEY: ● Standard ■ Optional ○ Not available

MIRRORS (page one of two)

10 DIVISION | 20 SUBDIVISION

	Bradley Corp. Washroom Accessories Division Church and Fellowship Rds. Moorestown, NJ 08057 700, 705, 710, 715, 748	Bradley Corp. 730, 735	Bradley Corp. 740	Bradley Corp. 741	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 ATMF-20	R.A.R. Enterprises, Inc. TMF-20
Tilted (Fixed)			●			●
Tilted (Adjustable)				●	●	
Flat	●	●				
Material: Stainless steel	●		●	●	●	●
Aluminum		●				
Shelf	○	○ 730, ● 735	○	○	●	●
Standard sizes	16″×20″ to 16″×36″	16″×20″ to 16″×36″	16″×30″ to 24″×36″	16″×20″ to 16″×36″	16″×30″ to 24″×36″	16″×30″ to 24″×36″

KEY: ● Standard ■ Optional ○ Not available

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(manufacturers continued)

MIRRORS, manufacturers continued (page two of two)

	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 775-783	American Dispenser Co., Inc. 573, 582	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B-290	Bobrick Washroom Equipment, Inc. B-292	Bobrick Washroom Equipment, Inc. B-293, B-294	
Tilted (Fixed)		● 573			● B-293	
Tilted (Adjustable)		● 582			● B-294	
Flat	●		●	●		
Material: Stainless steel	●	●	●	●	●	
Aluminum						
Shelf	○	○	○	●	○	
Standard sizes	15½"×19½" to 47½"×23½"	16"×30"	12"×18" to 48"×30"	16"×20" to 72"×24"	16"×24" to 16"×30"	

KEY: ● Standard ■ Optional ○ Not available

SOAP DISPENSERS

$20–$36 COST RANGE

10 DIVISION

29 SUBDIVISION

	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 Various Models	American Dispenser Co., Inc. Various Models	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 6000 LD	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B-116, B-12, B-11	Bobrick Washroom Equipment, Inc. B-822, B-832	
Dispensing method: Push button	●	■	●	●	●	
Lever handle		■				
Foot operated		■				
Can be operated with one hand	●	●	●	●	○	
Wall mounted		●		●		
Countertop	●		●		●	
Liquid	●	●	●			

KEY: ● Standard ■ Optional ○ Not available

PREFAB SHOWER COMPARTMENTS

$420–$2150 COST RANGE

10 DIVISION | 30 SUBDIVISION

	General Partitions Mfg. Corp. 1702 Peninsula Drive P.O. Box 538 Erie, PA 16512 Double Wall Showers	Metpar Steel Products Corp. 95 State Street Westbury, NY 11590 SH-700: Handicapped Shower	Universal-Rundle Corp. 217 North Mill Street New Castle, PA 16103 6949/50	Georgia Marble Co. P.O. Box 8 Nelson, GA 30151 Showerstal	The Braun Corporation 1014 S. Monticello Street Winamac, IN 46996 Roll-in Shower	Aquarius Industries, Inc. 6401 Centennial Blvd. Nashville, TN 37209 9938-L, 9938-R: Handicapped Shower
Roll-in (no curb, maximum ½" drop)		■	●	■	●	
Transfer (4" curb maximum)	●	■		■		●
☑ Interior Dimensions	34"×34"●, 30"×30"■	34" × 46"	60" × 60"	As required	54"×54"	36"×36"
☑ Transfer Model: Seat 17"-19" above floor	■	■	●			●
☑ Seat opposite controls	■	○	●			●
☑ 60" flexible hose with hand held head	■	○	■	○	■	●
☑ Blade handles	■	○	○	○	■	●
Material	Steel/enam., stainl. steel	Galv./stainl. steel	Fiberglass	Marble	Fiberglass	Acrylic
Seat material	Wood, metal	Stainless steel	Redwd., stainl. steel			■ Acrylic
Controls mounted 38"-48" above floor	■	■		■	●	●
Grab rails 33"-36" above floor	■	●	●	■	●	●
Anti-scalding device	■	○	■	○	■	●
Soap tray	■	●	■	■	●	●
Curtain rod	■	●	○	■	■	●

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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SHOWER FIXTURES

$50–$1400 COST RANGE | 10 DIVISION | 31 SUBDIVISION

	Bradley Corp. Box 309 Menomonee Falls, WI 53051 HN200: Shower Module	**MCC Dowers Process Controls** 3400 Oakton Street Skokie, IL 60076 400, 410, 420: Hydroguard	**Stanadyne, Inc.** 377 Woodland Ave. Elyria, OH 44036 PL73141: MOEN	**The Braun Corporation** 1014 S. Monticello St. Winamac, IN 46996	**Universal-Rundle Corp.** 217 North Mill St. New Castle, PA 16103 6900/01 T&D, 6920/21 T&D, 6946/47T	
Single combination unit	●			●	●	
Individual units		●	●			
Hand held shower head with 60" flexible hose		■		●	■	
Anti-scalding device	●	●	●	●	■	
Curtain rod	●	○	●	■	○	
Soap tray	●	○		■	■	
Fixed shower head	●	■		■	■	
Blade faucet	●	○	●	●	○	

KEY: ● Standard ■ Optional ○ Not available

ATTACHED SHOWER SEATS

$80–$300 COST RANGE | 10 DIVISION | 32 SUBDIVISION

	Georgia Marble Co. P.O. Box 8 Nelson, GA 30151	Bradley Corporation Washroom Accessories Div. P.O. Box 321 Moorestown, NJ 08057 956, 9561	Tubular Specialties Mfg., Inc. 13011 South Spring Street Los Angeles, CA 90061 Various Models	Bobrick Washroom Equipment, Inc. 11611 Hart St. North Hollywood, CA 91605 Various Models	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 Various Models	
Fold down seat		●	■	●	●	
Fixed seat	●				●	
Lbs. seat will support		500 lbs.			300 lbs.	
☑ Shape: L-Shape		●	■	■	■	
Rectangle	●		■	■	■	
Triangle			■	■	■	
Seat material	Marble	Naug. covered rubber	Stainl., wood, naug.	Stainl., wood, naug.	Stainl., wood, naug.	
Stainless steel frame	None required	●	●	●	●	
Stainless steel hinge	Chrome plated brass	●	●	●	●	

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

BATHTUB SEATS

$63–$400 COST RANGE

10 DIVISION | 34 SUBDIVISION

	J.E. Nolan and Company, Inc. P.O. Box 43201 Louisville, KY 40243 Nolan Bath Chair Lift	Lumex, Inc. 100 Spence Street Bayshore, NY 11706 6945				
In-tub seat		●				
Bath seat lift	●					
Temporary, portable installation	●	●				
Power source	Hydraulic water					
Maximum weight supported	300 lbs.	250 lbs.				
Material	Plastic, anodized alum.	Vinyl/aluminum				

KEY: ● Standard ■ Optional ○ Not available

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81 35

TEMPORARY TOILET FACILITIES

$1,000–$2,000 COST RANGE

10 DIVISION | 35 SUBDIVISION

	Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810 700: Jetamatic for Handicapped Portable	**The Braun Corporation** 1074 Monticello Street Winamac, IN 46996 Porta-John				
Material	Aluminum, Fiberglass	Fiberglass				
Interior dimensions	49½'' × 61½''	60'' × 60''				
32'' clear opening door provided	●	●				
½'' or less threshold	●	●				
Toilet seat height	18⅞''	24''				
Horizontal grab bars	●	●				
External requirements: Power	○	○				
Water	○	○				
Sewer	○	○				

KEY: ● Standard ■ Optional ○ Not available

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SIGNAGE (page one of two)

$2.60.-$25 COST RANGE

10 DIVISION | 40 SUBDIVISION

	Dimensional Graphics, Inc. Touch-Know Division 222 West Huron Street Chicago, IL 60610	Ability Building Center, Inc. 1911 N.W. 14th Street P.O. Box 6938 Rochester, MN 55901 T-M, T-N, T-O, T-P, T-Q, TL2, TR2	Ability Building Center, Inc. A, AA, B, BB, BBB, C, CC, CCC	Ability Building Center, Inc. F and H Vinyl Decal	Processed Signs and Display Co., Inc. Box 372 Amsterdam, NY 12010 #1-#30: Picto-Sign	Mohawk Engraving Co., Inc. P.O. Box 966 Schenectady, NY 12301 Design w/c Access Symbol
☑ Width to height ratio 3:5 and 1:1 stroke 1:5 and 1:10	●	●			■	●
Exterior use	●		●	●	●	●
Interior use	●	●		●	●	●
Material	Steel, aluminum	Acrylic	Steel, aluminum	Vinyl	Vinyl	Aluminum, acrylic
Printing method		Silk screen	Silk screen		Screen printing	Engraved, reversed
Symbol of access available	●		●	●	●	●
Tactile	●	●	○	○	○	●
Special location	Elevators					
Mounting		Adhesive, screw	Bolted	Adhesive back	Adhesive back	Adhesive back
Different colors available	●	○	■	○	■	●
High contrast printing	●	●	●	●	●	●

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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(manufacturers continued)

SIGNAGE, manufacturers continued (page two of two)

	Seton Name Plate Corp. 3896 Boulevard New Haven, CT 06505 Embossed ECP Braille ID Plates	Seton Name Plate Corp. Series BT	Seton Name Plate Corp. Series SA	Litho/Color, Inc. 840 W. Baltimore Detroit, MI 48202 Various Models	Handicapped Door Hardware Division 6800 South Chicago Ave. Chicago, IL 60637	
☑ Width to height ratio 3:5 and1:1 stroke 1:5 and1:10	■	●	■	●	●	
Exterior use	●	●	●	●		
Interior use	●	●	●	●	●	
Material	Stainless steel	Steel, aluminum	Steel, aluminum	80 mil, 100 mil vinyl	Polystyrene	
Printing method	Embossed	Etching	Embossed, casting	Offset lithography		
Symbol of access available	○	●	●	●	●	
Tactile	●	●	●	○	●	
Special location	Elevators	Elevators			Elevators	
Mounting	Adhesive, screw	Adhesive, screw	Adhesive, screw	Adhesive back, screw	Adhesive, screw	
Different colors available	■	■	●	○	●	
High contrast printing	■	■	■	●	●	

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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LABORATORY EQUIPMENT/LAB STATION

11 DIVISION | 30 SUBDIVISION

	Hamilton Industries 1316 18th Street Two Rivers, WI 54241 Multi Flex	Conco Industries 30 Water Street Box 150 West Haven, CT 06516 DO 100: Science Station				
☑ Counter top 28''-34'' above finished floor (AFF)	29''-34'' adjustable	31¾''				
☑ Kneehole: Minimum 27'' AFF, minimum 30'' wide	To 36'' high, 32''-wide	29½'' high, 32'' wide				
Fixed station	■					
Portable or mobile station	■	●				
Educational program use	Science, medical, dental	All sciences				
Self-contained	○	Water, vacuum, air				
Hook-up to building services required	All	Electricity				
Longest horizontal reach	24''					
Location of controls	Side or front	Front				
Fume hood available	■	■				

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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CLASSROOM EQUIPMENT

$575–$780 COST RANGE

11 DIVISION

40 SUBDIVISION

	Fleetwood Furniture Company 25 E. Washington St. Zeeland, MI 49464 2550: 4-Person Adjustable Height Wheelchair Table	Fleetwood Furniture Company 2560: Single Adjustable Height Wheelchair Table				
☑ Kneehole space: Minimum 30″ wide	49″	31″				
☑ Minimum 27″ high to apron	23″-34″ adjustable	28″-33″ adjustable				
☑ Minimum 19″ deep	42″	32″				
☑ Working surface: 28″-34″	42″ × 60″	32″ × 48″				
☑ Height above floor	24″-35″ adjustable	29″-34″ adjustable				

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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SWIMMING POOL LIFTS

$1000-$8500 COST RANGE

11 DIVISION | **60** SUBDIVISION

	Aquanaids 5200 Dixie Road, Suite 205 Mississauga, Ontario Canada L4W1E4 **Stranco**, U.S. Distributor Mecanaid Pool Lift	**G.E.G. Pool Lift, Inc.** P.O. Box 282 King of Prussia, PA 19406 Pool Lift	**AFW of North America** Suite 311 Bank of New York Building Olean, NY 14760 Movable Swimming Pool Floor	**The Cheney Co.** 3015 South 163rd Street New Berlin, WI 53151 SL-1 Pool Lift	**The Cheney Co.** Cheney Swim Lift	**J.E. Nolan & Co., Inc.** P.O. Box 43201 Louisville, KY 40243 Nolan Pool Chair Lift
Powered by: Manual hydraulic	●					
Electric						
Pneumatic		●		●	●	
Hydraulic			●	●	●	●
Transfer from wheelchair to lift required	●	●	○	○	○	●
Permanent installation		●	●	■		●
Temporary installation	●			●	●	●
If removed, what remains on pool deck?	Flush cover plate			Hose lines	Wheel model	Four anchors recessed
Independent user						●
Attendant assisted	●	●	●	●	●	■
Seat	●	●				●
Platform			●	●	●	
Stretcher	■					
Depth below water person lowered to	3'6"	3'	10'	4' 2"	4' 2"	1' 6"
Maximum weight	350 lbs.	320 lbs.	Unlimited	300 lbs.	300 lbs.	300 lbs. at 30 p.s.i.
Interior pool installation	●	●	●	●	●	●
Exterior pool installation	●	●	●	●	●	●
Parts and labor warranty	●	●	●	●	●	●

KEY: ● Standard ■ Optional ○ Not available

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TELEPHONE ENCLOSURES

11 DIVISION | 70 SUBDIVISION

	Acoustics Development Corp. 1850 Holste Road Northbrook, IL 60062 ADCO 10-S, 20/21-L, 90-S-L	Acoustics Development Corp. ADCO 130	Acoustics Development Corp. ADCO 115 L	Acoustics Development Corp. ADCO 120 L		
☑ Minimum 30" clear opening	●	●	●	○		
☑ Forward reach does not exceed 48" above floor	●	●	●	●		
Free standing	■	●	■	■		
Wall mounted	■		■	■		
Requires floor space	●	●	●	○		
Interior use	●		■	■		
Exterior use		●	■	■		
Floor levels change abruptly	○	○	○	○		

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1986 Standard

FURNITURE/TABLES, BEDS, DESKS

$335–$772 COST RANGE

12 DIVISION | 10 SUBDIVISION

	Rudd International Corp. 1066 31st Street Washington, DC 20007 MO Tables	Fleetwood Furniture Co. 25 East Washington Street Zeeland, MI 49464 1830:Wheelchair Transfer Bed	Fleetwood Furniture Co. 2560: Adjustable Desk	Fleetwood Furniture Co. 2550: 4-Person Adjustable Dining Table	JG Furniture Systems 121 Park Avenue Quakertown, PA 18951 UPS, GPF	
☑ Working surface 28''-34'' above floor	28''		29''-34'' adjustable	24''-35'' adjustable	26''-36'' adjustable	
☑ Kneehole space: Minimum 30'' wide	●		●	●	●	
☑ Minimum 27'' high to apron	26½''		28''-33''	23''-34''	24¾''-34¾''	
☑ Minimum 19'' deep	●		●	●	●	
Desk	●		●		GPF	
Individual study table	●				UPS	
Dining table	●			●		
Bed		●				

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

ELEVATORS

14 DIVISION | 10 SUBDIVISION

	Otis Elevator Co. One Farm Springs Farmington, CT 06032 All Models	Schindler Haughton Elevator Corp. P.O. Box 780 Toledo, OH 43695 H 2000 H (Other models available)	Dover Corp. Elevator Division P.O. Box 2177 Memphis, TN 38101 All Models	Inclinator Co. of America 2200 Paxton St. Harrisburg, PA 17105 Elevette	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613 Econol-Lift 500	
☑ Meets ANSI A17.1 (1978)	●	●	●	●	●	
☑ Automatic operation	●	●	●	■	●	
☑ Levels within 1½"	●	●	●	○	●	
☑ ¾" call buttons	●	●	●	■	●	
☑ Visual signal when call answered	●	●	●	○	●	
☑ 2½" minimum hall lanterns	●	●	●	○	●	
☑ Audible hall signals	●	●	■	○	■	
☑ Raised characters	●	●	■	○	■	
☑ 32" clear opening doors	36" minimum	36", 42", 48"	36" minimum	Varies	36"	
☑ Doors open and close automatically	●	●	●	○	■	
☑ Reopen automatically	●	●	●	○	■	
☑ Photo eyes: height above floor	5", 29"	5", 29"	4½", 29½"			
☑ Control buttons: Mounted height	35"-54"	35"-54"	35"-54"	35"-54"	35"-54"	
☑ Emergency controls mounted at bottom	■	■	■	■	■	
☑ Time from notification to door closing adjustable	●	●	●	○		
Residential/capacity		●		● 450 lbs.	● 500-700 lbs.	
Commercial/capacity	● 1500-4500 lbs.	● 2000, 4000 lbs.	● 2000+ lbs.			
Operation: Electric	■		■	●	●	
Hydraulic	■	●	■			
Maximum rise	By model	60'	By model	50'	By model	
Penthouse required	● (electric only)	○	●(electric overhead)	○	○	
Depth of jack hole	Rise + 2'	Rise + 2'	● hydraulic		○	
Car size	Varies	51" × 68"	51" × 68"	36" × 48"	36" × 48"	

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

VERTICAL WHEELCHAIR LIFTS (page one of two)

$2850–$11,000 COST RANGE

14 DIVISION | **21** SUBDIVISION

NOTE: Wheel chair lifts are not covered in depth by ANSI 117.1. A17.1 is currently being amended to include these lifts. Refer to local codes for use restrictions.	**Bud Industries** 100 Pulaski St. West Warwick, RI 02893 B650: Whisper Lift (For Vehicles)	**Coach & Equipment Sales Corp.** Box 36 Penn Yan, NY 14527 Series IV C&E IV Power Lift (For Vehicles)	**Don-O-Lift Inc.** P.O. Box 4 Burnt Hills, NY 12027 1001 Passive Lift (For Buses)	**Toce Brothers Mfg. Ltd.** P.O. Box 489 Broussard, LA 79518 Wheel-o-vator	**American Stair-Glide Corp.** 4001 East 138th St. Grandview, MO 64030 41, 51, 71, 91: Porch Lift*	**American Mfg. Co., Inc.** P.O. Box 1237 Tacoma, WA 98401 Hydraulic Platform Only AMO, HL, CHL, AML Series
Maximum height		26″	36″	72″	96″	60″
Capacity	700 lbs.	750 lbs.	1,000 lbs.	500 lbs.	400 lbs.	500 lbs.
Exterior use	●	●	●	●	●	●
Interior use	●		●	●	●	●
Electric	12V		12V 200A	110V	110V 7A	●
Hydraulic	●	●	●			●
Drive train	Hydraulic piston	Hydraulic piston	Hydraulic piston	Acme screw	Screw	Scissor mechanism
Transfer from wheelchair required	○	○	○	○	○	○
Platform size	30″ × 41″	34″ × 44″	31″ × 44″	36″ × 48″	36″ × 48″	42″ × 62″
Occupied floor space			28″ × 36″	56″ × 60″		
Lower level ramp	●	●	●	●	Model 41 only	○
— Automatically lowered	Auto. model only	●	●	●	●	
If obstructed (underside), will stop	○	■	●	■	●	○
Upper gate	○	○	●	■	■	■
— Electronically locked	○	○	●	■	■	■
Lower safety gate	○	○	○	■	○	■
— Electronically locked	○	○	○	■	○	■
Controls: Activating	Push button	Toggle switch	Toggle switch	Toggle switch	Key, toggle switch	Key
Deadman	●	●	●	●	○	●
Manual overdrive for emergency use	●	■	●	●	■	■
Lift levels ± ½″	○	●	●	●	●	
Foundation required	●	○	Transit bus design	Attach to concrete	Flat concrete	
Bridge available	○	■		■	■	

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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(manufacturers continued)

VERTICAL WHEELCHAIR LIFTS, manufacturers continued (page two of two)

	R. J. Mobility Systems, Inc. 715 S. Fifth Ave. Maywood, IL 60153 All American	**The Cheney Co., Inc.** 3015 S. 163rd St. New Berlin, WI 53151 HL-72 Handi-Lift	**Earl's Stairway Lift Corp.** 2513 Center St. Cedar Falls, IA 50613 PL 54-PL 144			
Maximum height	60''	72''	144''			
Capacity	1,000 lbs.	450 lbs.	500 lbs.			
Exterior use	●	●	●			
Interior use	●	●	●			
Electric		110V 6A	208V or 110V			
Hydraulic	●					
Drive train	Hydraulic piston	Ball screw	Roller chain			
Transfer from wheelchair required	○	○	○			
Platform size	36'' × 48'' or custom	35½'' × 50''	31'' × 48''			
Occupied floor space	46'' × 55''	52'' × 64''	48'' × 48''			
Lower level ramp	■	●	●			
— Automatically lowered	○	●	●			
If obstructed (underside), will stop	○	●	■			
Upper gate	●	■				
— Electronically locked	●	■				
Lower safety gate	●	○				
— Electronically locked	●	○				
Controls: Activating	■	Toggle switch	Key, push button			
Deadman	●	●	●			
Manual overdrive for emergency use	●	■				
Lift levels ± ½''	●	●				
Foundation required	6'' pit	○	5'' pit ■			
Bridge available	■	■				

KEY: ● Standard ■ Optional ○ Not available

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INCLINED WHEELCHAIR LIFTS (page one of two)

$9000–$11,000 COST RANGE

14 DIVISION | **22** SUBDIVISION

NOTE: Wheelchair lifts are not covered in depth by ANSI 117.1. A17.1 is currently being amended to include these lifts. Refer to local codes for use restrictions.	**Garaventa (Canada) Ltd.** 7505-134 A Street Surrey, British Columbia Canada V3W 7B3 Garaventa Wheelchair Lift	**The Cheney Co., Inc.** 3015 S. 163rd St. New Berlin, WI 53151 Cheney Wheelchair Lift III	**The Flinchbaugh Co., Inc.** 390 Eberts Lane York, PA 17403 Butler Wheelchair Lift	**Earl's Stairway Lift Corp.** 2513 Center St. Cedar Falls, IA 50613 Econol-Lift 200		
Interior	●	●	●	●		
Exterior	●			●		
Maximum length	100′	25′	40′	Unlimited		
Straight runs mandatory	○	●	●	●		
Transfer from wheelchair required	○	○	○	○		
Minimum stairway width	36″	36″	32″	36″		
Platform clear width	27″	28″	Stairway-7″	28″		
depth	36″	42″	48″	48″		
Lift folds to vertical	●	●	○	●		
Stairway space occupied folded	10″	12½″		10-16″		
Platform enclosed on four sides	○	■	■	○		
Stair usable by able-bodied when lift in lower position	■	●	●	●		
Rails: Required to operate	2	1	2	1 or 2		
Attached to walls	■	■		●		
Attached to treads	■	■	●	●		
Power requirement	110V, 13A	220V, 8A	110V, 8A	110V, 15A		
Drive train	Cable-chain	Rack and pinion	Geared speed reducer	Chain		
Capacity	400 lbs.	350 lbs.	500 lbs.	350-450 lbs.		
Lower level ramp	●	●	■	●		
— Automatically lowered	○	●	■	●		
If obstructed, will stop	●	●	●	●		
Manual override for emergency use	●	○	●	○		

KEY: ● Standard ■ Optional ○ Not available

(description continued)

INCLINED WHEELCHAIR LIFTS, description continued (page two of two)

	Garaventa (Canada) Ltd. 7505134 A Street Surrey, British Columbia Canada V3 W 7B3 Garaventa Wheelchair Elevator	**The Cheney Co., Inc.** 3015 S. 163rd Street New Berlin, WI 53151 Cheney Wheelchair Lift III	**The Flinchbaugh Co., Inc.** 390 Eberts Land York, PA 17403 Butler Wheelchair Lift	**Earl's Stairway Lift Corp.** 2513 Center St. Cedar Falls, IA 50613 Econol-Lift 200		
Controls: Activating	Push button, toggle	Push button	■ Key, ● toggle	Key, toggle		
Deadman	●	●	●			
Parts and labor warranty	●	●	●	■		
Structural notes	Wall construction	Wall construction	None			

KEY: ● Standard ■ Optional ○ Not available

WATER COOLERS AND FOUNTAINS (page one of three)

15 DIVISION | 10 SUBDIVISION

Note: Coolers have self-contained chillers; fountains dispense chilled or unchilled water from a remote source.	Filtrine Mfg. Co. 1 Main St. Harrisville, NH 03450 FC-103-31: Recessed	Filtrine Mfg. Co. FC-90-WC: Projecting Bowl	Sunroc Corp. Rt. 452 Glen Riddle, PA 19037 HCWC-8: Wheel Chair Level Water Cooler	Stern-Williams Co., Inc. P.O.Box 8004 Shawnee Mission, KS 66202 WDF-1050		
☑ Spout mounted 36'' above floor with 27'' knee space	●	●	●	●		
☑ Unit 17''-19'' deep		18½''	17¾''	22''		
☑ Spout located in front, parallel flow	●	●	●	●		
☑ Controls easily used	Push button	Lever hand., push button	Push plate	Lever hand., both sides		
Water cooler	●	■	●			
Water fountain		■		●		
Interior use	●	●	●	●		
Exterior use				●		
Single unit	●	■	●	●		
Multiple fountains/coolers		●				
Projection from wall (recessed)	½''					
Flat bowl: A cup will stand alone	●	●	○			
Material	Stainless steel, bronze	Stainless steel, bronze	Stainless steel			
Built-in cup dispenser	●	○	○	○		
Cooler: Floor cover extends up wall	8''	6''				

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1-1980 Standard

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(manufacturers continued)

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WATER COOLERS AND FOUNTAINS, manufacturers continued (page two of three)

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	Haws Drinking Faucet Co. 4th & Page Streets P.O. Box 1999 Berkeley, CA 94701 HWCD 8	Haws Drinking Faucet Co. HWCL10	Haws Drinking Faucet Co. HWCT 6: Recessed	Haws Drinking Faucet Co. 1108	Haws Drinking Faucet Co. 1107	Haws Drinking Faucet Co. 3176: Pedestal
☑ Spout mounted 36'' above floor with 27'' knee space	●	●	●	●	●	●
☑ Unit 17''-19'' deep	20½''	20½''		20½''	20''	22¾''
☑ Spout located in front, parallel flow	●	●	●	●	●	●
☑ Controls easily used	Lever hand., both sides	Lever hand., both sides	Push plate	Lever hand., both sides	Push plate	Lever hand., both sides
Water cooler	●	●	●			
Water fountain				●	●	●
Interior use	●	●	●	●	●	●
Exterior use				●	●	●
Single unit	●		●		●	●
Multiple fountains/coolers		●		●		
Projection from wall (recessed)						
Flat bowl: A cup will stand alone	○	○	○	○	○	○
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Precast stone
Built-in cup dispenser	■	○	●	○	○	○
Cooler: Floor cover extends up wall	4¼''	4¾''	Open space			

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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(manufacturers continued)

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WATER COOLERS AND FOUNTAINS, manufacturers continued (page three of three)

15 | 10

	Western Drinking Fountains Box 2056 San Leandro, CA 94577 38-WC-FP	Western Drinking Fountains 43-WCRC	Western Drinking Fountains 4343-WCRC	EBCO Manufacturing Co. 265 North Hamilton Rd. Columbus, OH 43213 ODP7WM D: LHBS P: PB	EBCO Manufacturing Co. DF-140D	
☑ Spout mounted 36'' above floor with 27'' knee space	●, ○-Knee space	●	●	●, ○-Knee space	●	
☑ Unit 17''-19'' deep		20''	20''	18½''	19¼''	
☑ Spout located in front, parallel flow	●	●	●	●	●	
☑ Controls easily used	Lever hand., both sides	Lever hand., both sides	Lever hand., both sides	Lever hand., push but.	Lever hand., both sides	
Water cooler		●	●	●		
Water fountain	●				●	
Interior use		●	●	●	●	
Exterior use	●					
Single unit	●	●		●	●	
Multiple fountains/coolers			●			
Projection from wall (recessed)						
Flat bowl: A cup will stand alone	○	○	○	○	○	
Material		Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Built-in cup dispenser	○	○	○	○	○	
Cooler: Floor cover extends up wall		4''	5''	26''		

KEY: ● Standard ■ Optional ○ Not available ☑ ANSI A117.1 1980 Standard

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VAN MODIFICATION (page one of two)

$1,900–$3,000 COST RANGE

A DIVISION | 11 SUBDIVISION

(Also see 14.21, Vertical Wheelchair Lifts)	**Target Industries, Inc.** 55 Newberry Road Warehouse Point, CT 06088 T-500: Hydraulic Lift & Adaptive Driving Equipment	**Cheney Mobility, Inc.** W146 S6450 Tess Corners Muskego, WI 53150 R30A L10: Ricon & Braun	**Total Mobility Systems & Designs** 4060 Stewart Rd. Eugene, OR 97402 SUL-II Safety Van Lift II	**Bud Industries, Inc.** 100 Pulaski St. West Warwick, RI 02893	**Coach & Equipment Sales Corp.** Box 36 Penn Yan, NY 14527 FC2 Fortivan Commuter	
Modifications Available:				●		
Reduced effort power steering	●	●		●		
Lever steering	●	●		●		
Custom hand controls	●	●		●		
Hydraulic power lifts	●	●	●	●	●	
Electric power lifts		●		●		
Power door openers	●	●	●	●	●	
Reduced effort power brakes	●	●	●	●		
Power lift parallel van side		●	●			
Power lift perpendicular to van side	●	●		●	●	

KEY: ● Standard ■ Optional ○ Not available

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(manufacturers continued)

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VAN MODIFICATION, manufacturers continued (page two of two)

$1,900-$3,000 COST RANGE

A | 11

(Also see 14.21, Vertical Wheelchair Lifts)	Ribley & Harpplinger, Inc. 3702 State St. Schenectady, NY 12304	The Braun Corporation 1014 S. Monticello Winamac, IN 46996				
Modifications available:						
Reduced effort power steering	●	●				
Lever steering	●					
Custom hand controls	●	●				
Hydraulic power lifts	●	●				
Electric power lifts	●					
Power door openers	●	●				
Reduced effort power brakes	●	●				
Power lift parallel van side	●					
Power lift perpendicular van side	●	●				

KEY: ● Standard ■ Optional ○ Not available

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ACCESSIBLE BUSES WITH LIFTS

A DIVISION | 12 SUBDIVISION

(Also see 14.21, Vertical Wheelchair Lifts)	**Wayne Corporation** Wayne Transportation Division P.O. Box 1447 Industries Road Richmond, IN 47374 Bussette, Transette Transettext	**Target Industries, Inc.** 55 Newberry Road Warehouse Point, CT 06088	**Bud Industries, Inc.** 100 Pulaski Street West Warwick, RI 02893 Bud Transporter	**Coach & Equipment Sales Corp.** Box 36 Penn Yan, NY 14527 XBF, XB6, XBD, XBC: Fortibus Commuter	**The Braun Corp.** 1014 S. Monticello Street Winamac, IN 46996	**Ribley & Harppinger, Inc.** 3702 State Street Schenectady, NY 12304 Passive Lifts for Modifying Transit Buses
Capacity: Of wheelchair users	1-7	8	1-5	1-6	1-6	2
Of able-bodied	—	9	9-10	21	16	
Lift: Part of bus entrance	■					●
Separate from bus entrance	■	●	●	●	●	
Power: Electric	●		●			●
Hydraulic	●	●	●	●	●	●
Controller: From drivers' seat	○	○	■	■	■	●
From outside bus	●	●	●	●	●	○
Tiedowns provided	●	●	●	■	■	■
Aisle width	17''		Varies	15''-17½''	12''-24''	
Head room	75''		72''	76''	72''	
Grab bars or poles provided	■	●	●	■	■	■

KEY: ● Standard ■ Optional ○ Not available

TELEPHONE TYPEWRITERS (TTY)

	Specialized Systems Inc. 11558 Sorrento Valley Rd. Building 7 San Diego, CA 92121 Systems 100, 101, 102: Communicator	**American Communication Corp.** 180 Roberts Street East Hartford, CT 06108 AMCON 1	**Prentke Romich Company** RD 2, Box 191 Shreve, OH 44676 ADT-5B: Automatic Dialing Telephone	**Krown Research, Inc.** 10331 W. Jefferson Blvd. Culver City, CA 90230 Porta Printer Plus		
Portable	●	●		●		
Fixed			●			
L.E.D./Maximum number of letters on screen	●/32 letters	●/16 letters	●/1 letter	●/20 letters		
Strike on				●		
Letter size	15/64''	½''	5/8''	6mm		
Power requirements	120 V, 65 A	Battery	10 V 50 Ma	7V battery		
Memory	○	●	○	Provides hardcopy		
Size (length, width, height)	9⅝'' × 9 3/16'' × 4 5/16''	8'' × 13'' × 5''	5½'' × 10'' × 8''	12'' × 9'' × 3''		
Weight		5 lbs.		5 lbs.		
Phone cradle	■	■		●		
Phone wire connection	■	■	●	■		

KEY: ● Standard ■ Optional ○ Not available

OTHER PRODUCTS

The following products do not fall directly under a specific category. General information is listed as well as the manufacturer who can offer additional specifications.

5.10 Steel gratings: expanded carbon sheet gratings for drainage

8.12 Swing clear hinge: provides up to 2'' more clear opening in existing doorways

8.12 100% clearance hinge: increases clear opening of existing doorways

8.17 Peterik vertical door opener: vertical crash or panic bar used to assist in opening doors

8.18 SK-601 push button key: exterior electronic push button lock

10.00 Optima automatic flushing system: movement-sensitive valve for use with "no hands" toilet and urinal flushing systems

10.22 6275 handicapped conserver: floor mounted toilet, 18'' above floor

Bud Industries
100 Pulaski Street
West Warwick, RI 02893

Stanley Hardware
195 Lake Street
New Britain, CT 06050

Lawrence Brothers, Inc.
Sterling, IL 61081

Peterik Corporation
6572 S.E. Lake Road
Milwaukie, OR 97222

Sendec Corporation
56 West Avenue
Fairport, NY 14450

Sloan Valve Co.
10500 Seymour Avenue
Franklin Park, IL 60131

Briggs
1500 N. Dale Mabry
Tampa, FL 33607

10.33 98-HC Trieste: accessible roll-in terrazzo shower base (Base only)

14.00 Elevator control adapter: mechanically provides dual controls for all existing controls, except heat-sensitive types

15.12 Lever handle modification kit for drinking fountains: converts push button and other fountain types to lever-type

16.15 BG-6 manual pull station: pull-down handle activates alarm

16.20 Custom made snow melting device: electrical subsurface coils for walks and ramps

A.50 VR-1 voyager: TV and magnification lens enlargers used to enlarge prints and photographs so partially sighted people can read material projected on television screen

Stern-Williams Company
P.O. Box 8004
Shawnee Mission, KA 66208

Johnbo Nordic, Inc.
1320 6th Avenue South
Moorhead, MN 56560

Haws Drinking Faucet Co.
4th and Page Streets
P.O. Box 1999
Berkeley, CA 94701

Fire-Lite Alarms, Inc.
P.O. Box 823
New Haven, CT 06504

Smith-Gates Corp.
1451 New Britain Avenue
Farmington, CT 06032

VISUALTEK
1610 26th Street
Santa Monica, CA 90404

LIST OF MANUFACTURERS

Ability Building Center Inc.
1911 NW 14th Street
Rochester, MN 55901

Accoustics Development Corp.
1850 Holste Road
Northbrook, IL 60062

Adams Rite Manufacturing Company
4040 South Capitol Avenue
City of Industry, CA 91749

AFW of North America
Bank of New York Building
Suite 311
Olean, NY 14760

Aluminum Tube Railings, Inc.
430 Madera Street, Box 118
San Gabriel, CA 91778

American Communication Corp.
180 Roberts Street
East Hartford, CT 06108

American Dispenser Co., Inc.
325 Gotham Parkway
Carlstadt, NJ 07072

American Manufacturing Co., Inc.
2119 Pacific Avenue
P.O. Box 1237
Tacoma, WA 98402

American Mason Safety Tread Co.
Wallman Street
Lowell, MA 01851

American Stair Glide
4001 East 138th Street
Grandview, MO 64030

Aquarius Industries, Inc.
6401 Centennial Boulevard
Nashville, TN 37209

ASSA, Inc.
1461 Lunt Avenue
Elk Grove, IL 60007

Besam Inc.
50 Lake Drive
East Windsor, NJ 08520

Julius Blum and Co., Inc.
P.O. Box 292
Carlstadt, NJ 07072

Bobrick Washroom Equipment, Inc.
11611 Hart Street
North Hollywood, CA 91605

R. H. Boehm Co., Inc.
2625 Lathrop Avenue
Racine, WI 53405

Bradley Corporation
P.O. Box 309
Menamonee Falls, WI 53051

Bradley Corporation
Washroom Accessories Division
Church and Fellowship Roads
Moorestown, NJ 08057

J. G. Braun Company
7540 McCormick Boulevard
Skokie, IL 60076

The Braun Corporation
1017 South Monticello Street
Winamac, IN 46996

Briggs
P.O. Box 22622
Tampa, FL 33622

Brookline Industries
Handicapped Door Hardware Division
6800 South Chicago Avenue
Chicago, IL 60637

Bud Industries, Inc.
100 Pulaski Street
West Warwick, RI 02893

BWN Industries
1849 Business Center Drive
Duarte, CA 91010

The Cheney Co.
3015 South 163rd Street
New Berlin, WI 53151

The Chicago Faucet Company
2100 South Nuclear Drive
Des Plaines, IL 60018

Coach and Equipment Sales Corporation
Box 36
Penn Yan, NY 14527

Conco Industries Inc.
30 Water Street
P.O. Box 150
West Haven, CT 06516

CraneVeyor Corp.
1524 Potrero Avenue
P.O. Box 3727
South El Monte, CA 91733

Dimensional Graphics, Inc.
222 West Huron Street
Chicago, IL 60610

Dor-O-Matic
Division of Republic Industries, Inc.
7350 West Wilson Avenue
Chicago, IL 60656

Don-O-Lift, Inc.
P.O. Box 4
Burnt Hills, NY 12027

Dover Corporation
Elevator Division
P.O. Box 2177
Memphis, TN 38101

Earl's Stairway Lift Corporation
2513 Center Street
Cedar Falls, IA 50613

EBCO Manufacturing Company
265 North Hamilton Road
Columbus, OH 43213

Eljer Plumbingware
Division Wallace Murray Corp.
Three Gateway Center
Pittsburg, PA 15222

Ellison Bronze Co., Inc.
125 West Main Street
Falconer, NY 14733

Filtrine Manufacturing Co.
1 Main Street
Harrisville, NH 03450

Fire-Lite Alarms
P.O. Box 823
New Haven, CT 06504

Fleetwood Furniture Company
25 East Washington Street
P.O. Box 58
Zeeland, MI 49464

Flinchbaugh Co., Inc.
390 Eberts Lane
York, PA 17403

Garaventa (Canada) Ltd.
6505 134A Street
Surrey, British Columbia
Canada V3W 7B3

Gaylord Brothers, Inc.
P.O. Box 4901
Syracuse, NY 13221

G.E.G. Pool Lift, Inc.
P.O. Box 282
King of Prussia, PA 19406

Georgia Marble Co.
P.O. Box 8
Nelson, GA 30151

General Partitions Manufacturing Corp.
1702 Peninsula Drive
P.O. Box 538
Erie, PA 16505

Glynn-Johnson
4411 Ravenswood
Chicago, IL 60640

Gyro Tech, Inc.
6750 Industrial Loop
Greendale, WI 53129

Hamilton Industries
1316 18th Street
Two Rivers, WI 54241

Haws Drinking Faucet Company
4th and Page Streets
P.O. Box 1999
Berkeley, CA 94701

Horton Automatic
Division of Overhead Corporation
4242 Baldwin Boulevard
Corpus Christi, TX 78405

Humphrey Inc.
9212 Balboa Avenue
San Diego, CA 92123

Inclinator Company of America
2200 Paxton Street
P.O. Box 1557
Harrisburg, PA 17105

The Interior Steel Equipment Co.
2352 East 69th Street
Cleveland, OH 44104

JG Furniture
121 Park Avenue South
Quakertown, PA 18951

Johnbo Nordic, Inc.
1320 6th Avenue South
Moorhead, MN 56560

Just Manufacturing Company
9233 King Street
Franklin Park, IL 60131

Kawneer Company, Inc.
1105 North Front Street
Niles, MI 49120

Keane Monroe Corporation
Corner Broome and Mason Streets
P.O. Box 1071
Monroe, NC 28110

Krown Research Inc.
10331 West Jefferson Boulevard
Culver City, CA 90230

Lawrence Brothers Inc.
Sterling, IL 61081

LCN Closers
P.O. Box 100, Railroad Avenue
Princeton, IL 61356

Litho/Color, Inc.
840 West Baltimore
Detroit, MI 48202

Lumex Inc.
100 Spence Street
Bay Shore, NY 11706

MCC Powers Process Controls
3400 Oakton Street
Skokie, IL 60076

Metpar Steel Products Corp.
95 State Street
Westbury, NY 11590

R.J. Mobility Systems
Mobility Systems Products
715 South 5th Avenue
Maywood, IL 60153

Mohawk Engraving Co., Inc.
P.O. Box 966
Schenectady, NY 12301

Monogram Ind., Inc.
1945 East 223rd Street
Long Beach, CA 90810

J.E. Nolan & Company, Inc.
P.O. Box 43201
Louisville, KY 40243

Norton Door Controls/Reed Exit Devices
Security Products Division
P.O. Box 25288
Charlotte, NC 28212

Otis Elevator Company
One Farm Springs
Farmington, CT 06032

Pemko Manufacturing Co.
1360 59th Street
P.O. Box 8216
Emeryville, CA 94662

Peterik Corporation
6572 S.E. Lake Road
Milwaukie, OR 97222

Power Access Corporation
P.O. Box 139
Eatontown, NJ 07724

Prentke Romich Co.
R.D. 2 P.O. Box 191
Shreve, OH 44676

Processed Signs & Display Co., Inc.
Edson Street
P.O. Box 372
Amsterdam, NY 12010

RAR Enterprises, Inc.
P.O. Box 2543
Houston, TX 77001

Reading Door Closer Corporation
P.O. Box AC
Reamstown, PA 17567

Ribley & Harppinger, Inc.
3702 State Street
Schenectady, NY 12304

Rudd International Corporation
1066 31st Street, NW
Washington, DC 20007

Sargent & Company
100 Sargent Drive
New Haven, CT 06509

Schindler Haughton Elevator Corp.
671 Spencer Street
P.O. Box 780
Toledo, OH 43695

Schlage Lock Company
P.O. Box 3324
San Francisco, CA 94119

Sendec Corp.
54 West Avenue
Fairport, NY 14450

Seton Name Plate Corp.
3896 Boulevard
New Haven, CT 06505

Sloan Valve Company
10500 Seymour Avenue
Franklin Park, IL 60131

Smith-Gates Corporation
1451 New Britain Avenue
Farmington, CT 06032

Specialized Systems, Inc.
11558 Sorrento Valley Road, Bldg. No. 7
San Diego, CA 92121

Stanadyne, Inc.
377 Woodland Avenue
Elyria, OH 44036

Stanley Magic Door
Division of The Stanley Works
Route 6 and Hyde Road
Farmington, CT 06043

The Stanley Works
P.O. Box 1800
New Britain, CT 06050

Stern-Williams Company, Inc.
P.O. Box 8004
Shawnee Mission, KS 66208

Stranco
P.O. Box 389
Bradley, IL 60915

Sunroc Corporation
Route 452
Glen Riddle, PA 19037

Target Industries, Inc.
55 Newberry Road
Warehouse Point, CT 06088

Toce Brothers Manufacturing, LTD
P.O. Box 489
Broussard, LA 79518

Total Mobility Systems & Designs
4060 Stewart Road
Eugene, OR 97402

Tubular Specialities Mfg., Inc.
13011 South Spring Street
Los Angeles, CA 90061

Universal-Rundle Corporation
217 North Mill Street
New Castle, PA 16103

U.S. Mat & Rubber Company, Inc.
P.O. Box 152
Brockton, MA 02403

VISUALTEK
1610 26th Street
Santa Monica, CA 90404

Von Duprin, Inc.
400 West Maryland Street
Indianapolis, IN 46225

V.S.C. Corporation
1111 Tower Road
Schaumburg, IL 60195

Wayne Corporation
Industries Road
P.O. Box 1447
Richmond, IN 47374

Western Drinking Fountains
Box 2056
San Leandro, CA 94577

Whirlpool Corporation
2000 U.S. 33 North
Benton Harbor, MI 49022

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